## JC02 Rec'd PCT/PTO 16 JUN 2005

PTO-1390 (Rev. 02-2005)
Approved for use through 03/31/2007. OMB 0651-0021
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|                                                                                                                                                                       |                                                                                                                                                  | ormation unless it displays a valid OMB control number<br>ATTORNEY'S DOCKET NUMBER |                       |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------|--|--|--|--|--|--|--|--|--|
|                                                                                                                                                                       |                                                                                                                                                  | O THE UNITED STATES                                                                | 0630-2357PUS1         |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                       | ESIGNATED/ELECTED<br>CERNING A SUBMISSI                                                                                                          | U.S. APPLICATION MOS(III Myory) SEE 31 CFT 1.5)                                    |                       |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                       | IONAL APPLICATION NO.                                                                                                                            | INTERNATIONAL FILING DATE                                                          | PRIORITY DATE CLAIMED |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                       | CT/KR2003/001375                                                                                                                                 | 10 July 2003                                                                       | 20 December 2002      |  |  |  |  |  |  |  |  |  |
| TITLE OF INVENTION RECIPROCATING COMPRESSOR FOR REFRIGERATOR                                                                                                          |                                                                                                                                                  |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US Gi-Bong KWON                                                                                                                                |                                                                                                                                                  |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:                                       |                                                                                                                                                  |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| 1. X T                                                                                                                                                                |                                                                                                                                                  |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| 2T                                                                                                                                                                    | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.                                                  |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| 3. This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. |                                                                                                                                                  |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| 4 TI                                                                                                                                                                  |                                                                                                                                                  |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| 5. x A                                                                                                                                                                | x A copy of the International Application as filed (35 U.S.C. 371 (c)(2))                                                                        |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| a. x                                                                                                                                                                  | a. x is attached hereto (required only if not communicated by the International Bureau).                                                         |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| b.                                                                                                                                                                    | has been communicated by the International Bureau.                                                                                               |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| с.                                                                                                                                                                    | is not required, as the application was filed in the United States Receiving Office (RO/US).                                                     |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| 6. A                                                                                                                                                                  | An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).                                                |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| a.                                                                                                                                                                    | a. is attached hereto.                                                                                                                           |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| b                                                                                                                                                                     | b. has been previously submitted under 35 U.S.C. 154(d)(4).                                                                                      |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| 7. 🗶 Ar                                                                                                                                                               | x Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))                                          |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| а. 🗌                                                                                                                                                                  | are attached hereto (required only if not communicated by the International Bureau).                                                             |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| b                                                                                                                                                                     | have been communicated by the International Bureau.                                                                                              |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| C.                                                                                                                                                                    | have not been made; however, the time limit for making such amendments has NOT expired.                                                          |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| d. x                                                                                                                                                                  | x have not been made and will not be made.                                                                                                       |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| 8 Ar                                                                                                                                                                  | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).                                     |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| LJ                                                                                                                                                                    | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).                                                                                |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                       | An English language translation of the annexes of the International Preliminary Examination Report under PCT  Article 36 (35 U.S.C. 371 (c)(5)). |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| Items 11 to                                                                                                                                                           | 20 below concern docume                                                                                                                          | ent(s) or information included:                                                    |                       |  |  |  |  |  |  |  |  |  |
| 11. x Ar                                                                                                                                                              | Information Disclosure Staten                                                                                                                    | nent under 37 CFR 1.97 and 1.98.                                                   |                       |  |  |  |  |  |  |  |  |  |
| 12. x Ar                                                                                                                                                              | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.                                |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| 13. A                                                                                                                                                                 | A preliminary amendment.                                                                                                                         |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| 14 Ar                                                                                                                                                                 | An Application Data Sheet under 37 CFR 1.76.                                                                                                     |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| 15. A                                                                                                                                                                 | A substitute specification.                                                                                                                      |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| 16. A                                                                                                                                                                 | A power of attorney and/or change of address letter.                                                                                             |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| 17. A                                                                                                                                                                 | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.                                   |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| 18. A s                                                                                                                                                               | A second copy of the published International Application under 35 U.S.C. 154(d)(4).                                                              |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| 19. A :                                                                                                                                                               | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).                                    |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
| 20. x Ot                                                                                                                                                              | Other items or information: PCT/IB/304 & PCT/IB/308; PCT/ISA/210 & PCT/ISA/220; One (1) Sheet of Formal Drawings                                 |                                                                                    |                       |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                       |                                                                                                                                                  |                                                                                    |                       |  |  |  |  |  |  |  |  |  |

## JC17 Rec'd PCT/PTO 16 JUN 2005

PTO-1390 (Rev. 02-2005)
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U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| U.S. APPLICATION OF MANY 155.55 1 INTERNATIONAL APPLICATION NO. PCT/KR2003/001375 |                                        |                                |                                            |                                         |                             | AT         | ATTORNEY'S DOCKET NUMBER              |                                                  |  |  |
|-----------------------------------------------------------------------------------|----------------------------------------|--------------------------------|--------------------------------------------|-----------------------------------------|-----------------------------|------------|---------------------------------------|--------------------------------------------------|--|--|
|                                                                                   |                                        |                                |                                            | R2003/00                                | )1375                       |            | 0630-2357                             |                                                  |  |  |
|                                                                                   | wing fees have b                       |                                |                                            |                                         |                             | oxdot      | CALCULATIONS                          | PTO USE ONLY                                     |  |  |
| 21. x Basic r                                                                     | national fee                           |                                |                                            | ·····                                   | \$300                       | \$         | 300.00                                | T                                                |  |  |
| 22. x Examir                                                                      | ination fee                            |                                |                                            |                                         |                             | T          |                                       |                                                  |  |  |
|                                                                                   |                                        |                                | ared by USPTO and                          |                                         |                             |            |                                       | <del>                                     </del> |  |  |
|                                                                                   |                                        |                                | ·····                                      |                                         |                             | s          | 200.00                                |                                                  |  |  |
| 23. x Search                                                                      |                                        |                                |                                            | *************************************** | \$200                       | +-         | 200.00                                | +                                                |  |  |
|                                                                                   |                                        |                                | " International or                         |                                         |                             |            |                                       | 1                                                |  |  |
| USPTO as                                                                          | s an International S                   | Searching Autho                | the international apports                  | •                                       | \$100                       |            |                                       | 1                                                |  |  |
| International Search                                                              | rch Report prepared                    | d and provided                 | to the Office                              | ••••••                                  | \$400                       | ,          | 400.00                                | 1                                                |  |  |
| All other situations                                                              | TOTAL OF 2                             | 1, 22 and 23 =                 |                                            |                                         | \$500                       | \\$<br>\\$ | 400.00<br>900.00                      | <del> </del>                                     |  |  |
| Additional f                                                                      | fee for specification                  | n and drawings f               | filed in paper over 1                      | 100 sheets                              | (excluding                  | 13-        | 300.00                                | ļ                                                |  |  |
| sequence li                                                                       | listing or computer p                  | program listing t              | filed in an electronic                     | ic medium)                              | . The fee is                |            |                                       |                                                  |  |  |
| · · · · · · · · · · · · · · · · · · ·                                             | ach additional 50 sh                   | <del></del>                    | or fraction thereof. each additional 50 or | fraction                                | τ -                         | 4          |                                       | i                                                |  |  |
| Total Sheets                                                                      | Extra sheets                           |                                | ound up to a whole r                       |                                         | RATE                        | 1          |                                       |                                                  |  |  |
| 15 - 100 =                                                                        | /50 =                                  |                                |                                            |                                         | × \$250.00                  | ٦          |                                       | J                                                |  |  |
|                                                                                   |                                        |                                | eclaration later tha                       | ın 30 mont                              | ths                         | s          |                                       |                                                  |  |  |
| from the earliest cla<br>CLAIMS                                                   | laimed priority date  NUMBER F         |                                |                                            | Т                                       |                             | ╀—         |                                       | <u> </u>                                         |  |  |
| Total claims                                                                      |                                        | 20 =                           | MBER EXTRA                                 | <del></del>                             | RATE                        | +          |                                       | т                                                |  |  |
| Independent claims                                                                |                                        | -3 =                           |                                            | ×                                       | <del></del>                 | \$<br>\$   | 0.00                                  | ļ                                                |  |  |
| MULTIPLE DEPEN                                                                    |                                        |                                |                                            | +                                       |                             | \$<br>\$   | 0.00                                  |                                                  |  |  |
| WOETH LL DL. L.                                                                   | ADEIAL OF WING                         |                                | OTAL OF ABOVE                              |                                         | ATIONS =                    | <u>s</u>   | 900.00                                |                                                  |  |  |
| Applicant cla                                                                     | ime emall entity str                   |                                | FR 1.27. Fees above                        |                                         |                             | \$         |                                       | <del>                                     </del> |  |  |
| Прричин                                                                           | Illis Silion Gridly 5.2                | ilus, occo, c.                 | TN 1.21. 1 000 000                         |                                         |                             |            | 200.00                                | <b>↓</b>                                         |  |  |
| December for of t                                                                 | \$430.00 for furnish                   | ' the English                  | terrolation later the                      |                                         | BTOTAL =                    | \$         | 900.00                                | <u> </u>                                         |  |  |
|                                                                                   | \$130.00 for furnishi                  |                                | translation later tha<br>2 (f)).           | in 30 monii                             | hs<br>+                     | \$         |                                       |                                                  |  |  |
|                                                                                   |                                        | <u>\( \tag{\frac{1}{2}} \)</u> | · · · · · · · · · · · · · · · · · · ·      | L NATION                                | AL FEE =                    | s          | 900.00                                | <del></del>                                      |  |  |
| Fee for recording th                                                              | ne enclosed assignr                    | nent (37 CFR 1                 | .21 (h)). The assigr                       | nment must                              | t be +                      | s          | 40.00                                 |                                                  |  |  |
| accompanied by an                                                                 | 1 appropriate cover s                  | sheet (37 CFR 3                | 3.28, 3.31). \$40.00                       | per propert                             | ty                          | <u> </u>   | <del></del>                           |                                                  |  |  |
|                                                                                   |                                        |                                | TOTAL F                                    | FEES ENC                                | LOSED =                     | \$         | 940.00                                |                                                  |  |  |
|                                                                                   |                                        |                                |                                            |                                         |                             |            | ount to be unded:                     | \$                                               |  |  |
| I                                                                                 |                                        |                                |                                            |                                         |                             | Am         | ount to be                            | \$                                               |  |  |
|                                                                                   |                                        |                                |                                            |                                         |                             | cha        | arged:                                | 3                                                |  |  |
| a. x A check                                                                      | k in the amount of                     | i \$                           | 940.00                                     | to cover th                             | ne above fees               | is en      | iclosed.                              |                                                  |  |  |
| b. Please charge my Deposit Account No in the amount of \$                        |                                        |                                |                                            |                                         |                             |            |                                       |                                                  |  |  |
|                                                                                   |                                        |                                | opy of this sheet is                       | enclosed                                | n the amount                | ى Oi       |                                       |                                                  |  |  |
|                                                                                   |                                        |                                | • •                                        |                                         |                             | ٠          | · · · · · · · · · · · · · · · · · · · |                                                  |  |  |
|                                                                                   |                                        |                                |                                            |                                         |                             | -          | equired, or credit an                 | •                                                |  |  |
|                                                                                   |                                        |                                |                                            |                                         |                             |            | sheet is enclosed.                    |                                                  |  |  |
| L                                                                                 |                                        |                                |                                            |                                         |                             |            | come public. Credi                    |                                                  |  |  |
|                                                                                   |                                        |                                |                                            |                                         | 71                          |            | and authorization on                  |                                                  |  |  |
| must be filed and                                                                 | appropriate time.d<br>granted to resto | re the Internat                | CFR 1.495 has not<br>tional Application t  | to pending                              | t, a petition to<br>Status. | revi.      | ve (37 CFR 1.137 (a)                  | ) or (b))                                        |  |  |
|                                                                                   | RESPONDENCE 1                          |                                |                                            | 1                                       | ' 1                         | ζ,         | 111, 11                               |                                                  |  |  |
| SEND ALL COM                                                                      | KESPUNDLINGE                           | 10:                            |                                            | 4                                       | comy/                       | · U        | 24,61                                 |                                                  |  |  |
|                                                                                   |                                        |                                |                                            | SIGNA                                   | ATURE: '                    | т          | Tiles In                              |                                                  |  |  |
| Date: June 16,                                                                    | 2005                                   |                                |                                            |                                         |                             | 35 1.      | Eller, Jr.                            |                                                  |  |  |
| Date. Julio 10, .                                                                 | 2003                                   |                                |                                            | NAME                                    | Ē                           |            |                                       |                                                  |  |  |
| CUSTOMER N                                                                        | IUMBER: 02292                          | ,                              |                                            |                                         |                             | 39,5       | :20                                   |                                                  |  |  |
|                                                                                   |                                        |                                |                                            | REGIS                                   | STRATION N                  |            |                                       | <del></del>                                      |  |  |
|                                                                                   |                                        |                                |                                            |                                         |                             |            |                                       |                                                  |  |  |